

In the specification:

Please insert a new heading, followed by a new paragraph beginning at page 1, line 1,

Cross Reference to Related Applications:

This application is a non-provisional of and claims priority from U.S. provisional application serial number 60/533,550 filed December 31, 2003, which is currently pending and which is incorporated herein by reference.

Please replace paragraph 20 with the following paragraph:

[0020] As shown in Fig. 1A, the mobile terminal has two elements contained within the user interface display. Element 112 is a question for the user which includes a menu of responses, which can be navigated through the use of joypad key 110. Element 114 is a battery indicator which indicates the state of an internal battery contained within the mobile device. A typical mobile terminal type device will include many screen elements. Only two are shown for clarity in illustrating the concepts about to be discussed. Fig. 1A presents a traditional "portrait" user interface implementation. Menu items may be "soft keys" or may consist of a menu which is navigated via a cursor, as is illustrated in the figure. In this example, when mobile device 100 is turned to an alternate physical orientation, for example, to a "landscape" orientation that might be used in conjunction with a built-in camera for an imaging function, text and menus, if they were static, could not be read easily without tilting one's head, or reorienting the terminal. Thus, according to some embodiments of the invention, the display orientation for the user interface display is altered in accordance with an operating mode change. This operating mode change, in this example, can be to an operating mode in which a "landscape" orientation of the display is desired. In this example, the display orientation changes from a portrait orientation in Fig. 1A, which is normally associated with a communication mode, to a landscape orientation in Fig. 1B, which is normally associated with an imaging or camera mode. Specifically, in this

example, display element 112 has been re-rendered by the mobile device to be legible in a landscape orientation. In Fig. 1B, like reference numbers refer to the same elements as shown in Fig. 1A. Note that in this case the resetting of the display orientation involves orienting the individual display element, 112, in a normal visual orientation for a physical orientation of device 100 which results in a landscape display. Display element 114, the battery indicator, remains unchanged. Since [Sine] the battery indicator makes as much sense in one orientation as another, it can be rendered the same way in either orientation, and does not need to be changed. It should be noted, however, that an alternative implementation would completely rewrite and re-render the entire user interface display, rather than individual elements. In such a case, the battery indicator would appear at position 116, as indicated by the dotted outline shown in Fig. 1B.